Form PTO-14	149 L	I.S. D	epar	tmen	t of	Com	merc	p	T Atty D	ocket No.		1of		4
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/J.R./	-	5	4	ENT 9	4	BEH 8	1	Го	DATE 2/96	NAME Barany, et al	CLASS	CLASS	PRIA	TE
/J.R./		6	0	-	4	2	8	6		Bellhouse, et al	-	+	-	
/J.R./	-	5	5	8	2	9	8	4	12/99	Bieniarz, et al		ļ	 	
/J.R./	-	5	5	9	9	9	3	2	12/96 2/97	Bieniarz, et al		_		
		4	9	7	8	6	1	4		Bronstein, IY			-	
/J.R./		5	4	6	2	8	5	4	12/90				ļ	
/J.R./	ļ	٦	"	۱۰	^		1	ı	10/95 ATENT DOC	Coassin, et al				ļ
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		DOG	CUM	ENT	NUM	BER			DATE	NAME	CLASS	SUB CLASS	YES	NO NO
/J.R./	EP	0	6	6	7	3	9	3	8/16/95	Rabbani et al	A1			
/J.R./	EP	0	0	7	0	6	8	5	7/14/82	Heller, et al	A1			
		OTH	ER C	ocu	MEN	ITS (Inclu	ding	Author, Titl	e, Date, Pertinen	t Pages, I	tc.)	'	
/J.R./		<u>26</u> :5	225	-522	7 (19	98)								
/J.R./		large	RN/	۹ mo	lecul	es: ir	nserti	on of	a photolab	aracterization of lel at a selected p Res. 25:2266-22	osition in	16S rRN	contac A withi	ts in in
/J.R./		Dale	, R.N	∕1., et	al.,	"Dire	ect co	vale	nt mercurat	ion of nucleotide	s and pol	ynucleotic	les,"	
/I.D./	\vdash	Dale	, R.N	/1., et	al.,	"The	2457 synt	hesis	and enzyn	natic polymerizati	on of nuc	leotide co	ontainin	ia
/J.R./		merc	cury:	pote	ntial	tools	s for	nucle	ic acid seq 1973)	uencing and struc	tural ana	lysis," Pro	c. Nati	_
/J.R./	\Box	Doa	n, T.I	L., et	al.,	"Tar	getec	clea	vage of pol	ynucleotides by	compleme	entary		
/J.R./		Eglir	nton,	G., e	es co et al.	vale, "A	ntly coup	inked ling o	to iron-por of acetylenic	phyrins," Bioche	mistry 25 dv. Orgar	:6736-67 nic Synthe	39 (19) esis 4:2	86) 25-
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	Jezia				- ; ;									
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.R./

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/J.R./		5	8	4	9	4	8	0	12/98	Cr	os, et al				
/J.R./		4	8	9	4	3	2	5	1/90	En	gelhardt, et al				
/J.R./		5	2	4	1	0	6	0	8/93	En	gelhardt, et al				
/J.R./		5	2	8	8	6	0	9	2/94	En	gelhardt, et al				
/J.R./		6	2	2	1	5	8	1	4/01	En	gelhardt, et al				
/J.R./		4	3	7	5	9	7	2	3/83	_	rgione, et al				
/J.R./		5	2	1	٥	0	1	5	5/93	1	elfand, et al				
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/J.R./	wo	9	9	2	8	5	0	0	11/27/98	Вι	Lee, et al				
/J.R./	EP	0	9	1	7	0	3	9	1/12/00	á	Rabbani, et al	A1			
/J.R./	т —	OTH	ER C	OCL	MEN	ITS (Inclu	ding	Author, Tit	le, D	Date, Pertinent	Pages, E	tc.)		'
/J.n./					_						4, New York,				
/J.R./		(198	39)								sulfhydryl gro				ı
/J.R./		Else	vier S	Scien	ce, N	lew '	York	(197	(5)		and Metallopor				1.,
/J.R./		(dG2	2A4X cyino	A4G sine	2-dC and	2T4Y	YT4C misi	2) ai	nd self-com hed bases."	plen Nu	tions. I. Stabili nentary d(GGC cl. Acids. Res.	3AAXYTT	CCC) cor	ntaining	
/J.R./		Kuhl	manı	n, K.I	F., e1	al.,	"Syr	thes	is, DNA-bin	ding	and biologica Acids. Res. 5	activity	of a doub	ole	
/J.R./		Laro	ck, "	Orga	nom	ercur	ials i	n Org	ganic Synth	esis	," Tetrahedror	38:171	3-1754 (1	982)	
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/J.R./		6	3	3	8	9	5	4	1/02	Gemen, B.	_	+	PRIA	IE.
/J.R./		5	6	4	6	2	6	4	7/97	Glazer, et al	+-	+	+-	
/J.R./		5	2	4	8	6	1	8	9/93	Haces, A.			+-	
/J.R./	_	5	7	3	0	8	4	9	3/98	Hamby, et al	+-	-	+-	
/J.R./		4	7	0	7	4	5	4	11/97	Hendrix, JL	-	+	┼	
/J.R./		5	4	6	4	7	4	1	11/95	Hendrix, JL	+-		+-	
/J.R./		5	9	9	4	0	5	6	11/99	Higuchi, RG		-		
/J.R./		5	0	4	7	5	1	9	9/91	Hobbs, et al	+			
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/J.R./	EP	1	2	7	5	7	3	7	1/15/03	Rabbani, et al	A1			
/J.R./	EP	1	3	4	4	8	3	5	11/17/03	Rabbani, et	A1			
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/J.R./		effe	ct of	dyes	and	dNT	Ps or	n inco	rporation o	-labeled terminat	s and prot	7 DNA po pability ar	olymera nalvsis	se:
/J.R./	Н	term	ninati	on fr	agme	ents,	' <u>Nuc</u>	I. Ac	ids Res. 20	:2471-2488 (19	92)			
/J.N./		amb	iguo	us po	sitio	ns,"	Biote	chniq	ues 16:24-	(yinosine to repla 26 (1994)				
/J.R./		Liu,	D., e	et al.,	"Sta	ble h	numa	n imr	nunodeficie	ency virus type 1 with multitargeti	(HIV-1) r	esistance	in	\neg
		inco	rpora	ited i	nto l	J1 sr	nRNA	," <u>J.</u>	Virol 71:40	79-4085 (1997)				nces
/J.R./		Loal 22:4	kes, 1	D., et -404	t al., 3 (19	"5-Ñ 94)	itroir	dole	as an unive	ersal base analog	ue," Nucl	Acids R	es.	
/J.R./		Loal	ces,		The a	pplic	ation	s of	universal D	NA base analogu	es," Nucl	Acids R	es.	
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/J.R./		6	2	2	8	5	7	8	DATE 5/01	NAME Impraim, et al	- CENTRE	CEAGO	PRIA	TE
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/J.R./		5	9	4	8	6	4	8	9/96	Kahn, et al				
/J.R./	<u></u>	5	9	4	Ľ	Ľ	Ŀ	_	9/99					
/J.R./		Ľ	•		5	2	8	3	8/99	Kwok, et al				
/J.R./		5	9	4	5	5	2	6	8/99	Lee, et al				
/J.R./		5	1	1	8	8	0	1	6/92	Lizardi, et al				
/J.R./		5	1	3	0	2	3	8	7/92	Malek, et al				
/J.R./		4	6	8	3	2	0	2	7/87	Mullis, et al				
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/J.R./		Mau	lding	, D.R	., et	al., '	"Che	milun	ninescence	from Reactions of	of Electron	philic Oxa	mides v	vith
/J.R./	\vdash	Hydi	oger	Per	oxide	and	Fluo	resce	nt Compou	unds," <u>J. Org. Ch</u> on and photother	em.33:25	0-254 (1	968)	- 1
/u.n./	\square	<u>43</u> :6	81-6	690 (1986	5)								
/J.R./	Ш	Cyto	metr	y 10	:11-1	19 (1	989)			g reagents conta				s,"
/J.R./		este	rs," E	3ioco	njuga	ate C	hemi	stry	<u>4</u> :105-111	g reagents: sulfo (1993)				
/J.R./		Nich 369:	ols, 6	et al. -493	, "A (199	unive	ersal	nucle	oside for u	se at ambiguous				
/J.R./		Okay (198	/ama	, H.,	et al	., "H	ligh e	fficie	ncy cloning	g of full length cl	DNA," Mo	ol. Cell. Bi	ol. 2:16	1
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/J.R./	-	5	CUM 8	6	6	3 IREH	3	6	2/99	NAME Nazarenko, et a		CLASS	PRIA	TE
	-	6	1	1	4	3	5	0		Randall, et al		-	<u> </u>	
/J.R./	<u> </u>	6	1	1	0	6	3	0	9/00		-		-	
/J.R./		L	0	<u> </u>	L.					Reddy, et al				
		6		0	1	5	7	3	12/99	Roalent, C.				
/J.R./		5	7	0	7	5	5	9	1/98	Schaap, et al				
/J.R./		6	3	2	3	3	3	7	11/01 TENT DO	Singer, et al				
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/J.R./		Riek	e, R.	D., "	The	prepa	ratio	n of I	highly react	le, Date, Pertinen tive metals and th 33:52-60 (2000)	t Pages, I ne develo	tc.) oment of	novel	
/J.R./		Robi to 5	ns, N	/I.J., myl a	et al ind D	., "N erive	uclei	c Acid	d Related C	Compounds, 39, 8 il Bases and Nuc	fficient C leosides,"	onversion	n of 5-lo	odo
/J.R./		Cata	ılyze	d Che	emilu	mine	scen	ce fro	zymatic Tri om a Napht (1987)	ggering of 1,2-Di hyl Acetate-Subs	oxetanes. tituted 1,	1:Aryl E 2-Dioxeta	sterase- ine,"	
/J.R./		Phos	sphat	ase-0	Catal	yzed	Che	milum	ninescence	tic Triggering of from an Aryl Pho 163 (1987)	I,2-Dioxe sphate-Su	tanes. 3: ubstituted	Alkalin	e
/J.R./	П	Selir	nger,	D.W	., et	al., *	RNA	expr	ession anal	ysis using a 30 b	ase pair r	esolution	Excher	ichia
/J.R./	$ \cdot $	Shib (198	ahar	me a a, S.,	rray, et a	Na: 1., "S	ite-d	irecte	ch. 18:126 ed cleavage	2-1268 (2000) of RNA," <u>Nucl.</u>	Acids Res	<u>. 15</u> :440	3-4415	_
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/J.R./		Ľ				Ľ		L_	9/89	et al				
/J.R./		4	9	5	2	6	8	5	8/90	Stavrianopolous et al				
/J.R./		4	9	9	4	3	7	3	2/91	Stavrianopolous et al	5,			
/J.R./		5	0	1	3	8	3	1	5/91	Stavrianopolous et al	5,			
/J.R./		5	5	7	8	8	3	2	11/96	Trulson, et al			T	
/J.R./		5	1	3	2	2	0	4	7/92	Urdea, et al			1	
/J.R./		5	8	9	1	6	3	6	4/99	Van Gelder, et	al	1	1	
/J.R./		5	2	6	8	4	8	6	12/93	Waggoner, et a	'			
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/J.R./		succ	inimi	idyl e	esters	s," C	ytom	etry	11:418-430	(1990)				
/J.R./		Tala:	at, A DNA	.M., micro	et al	., "G v ana	enon	ne-dir	ected prime	ers for selective I h. 18:679-682 (abeling of	bacterial	transci	ripts
/J.R./		Tao,	et a	I., "C	Senor	mics:	Exp	ressio	on Analysis 6490 (199	of Escherichia co	oli Growin	g on Mini	mal and	1
/J.R./		Wier	ringa,	, J.H	., et	al., "	'Adar	mant	ylideneadan 1972)	nantane Peroxide	. A Stable	1,2 Diox	etane,'	
/J.R./		Zhu,	, Z., e	et al.	, "Di	rectly	y labe	eled (DNA probes	s using fluorescer 3422 (1994)	nt nucleot	ides with	differe	nt
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/J.R./		5	6	2	7	0	2	7	5/97	Waggoner, et a	ıl			1		
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/J.R./		5	2	7	0	1	8	4	12/93	Walker, et al						
/J.R./		5	4	5	5	1	6	6	10/95	Walker, et al						
/J.R./		4	7	1	1	9	5	5	12/87	Ward, et al						
/J.R./		5	4	5	5	1	7	5	10/95	Wittwer, et al						
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